

09/529442
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Patent
Attorney's Docket No. 003300-634

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	
Timo Laakso and Mats Reslow)	BOX PCT
Application No. (corresponds to PCT/SE98/01717))	Attn: <u>DO/EO/US</u>
Filed: April 13, 2000)	Group Art Unit: Unassigned
For: ENCAPSULATION METHOD)	Examiner: Unassigned

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5-22-02

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

This application corresponds to PCT/SE98/01717.

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby provide information in conformance with 37 C.F.R. §§1.97 and 1.98. Applicants provide herewith copies of the International Search Report dated February 22, 1999 and the International Preliminary Examination Report dated December 9, 1999 which were prepared in related International Application No. PCT/SE98/01717.

Copies of the following references cited during the international prosecution are also submitted herewith:

- (1) U.S. Patent No. 4,384,975 to Fong
PROCESS FOR THE PREPARATION OF MICROSPHERES
Issued: May 24, 1983
[Also discussed at Page 4 of the Specification.]

- (2) U.S. Patent No. 4,652,441 to Okada et al.
PROLONGED RELEASE MICROCAPSULE AND ITS PRODUCTION
Issued: March 24, 1987
[Also discussed at Page 4 of the Specification.]
- (3) U.S. Patent No. 5,407,609 to Tice et al.
MICROENCAPSULATION PROCESS AND PRODUCTS THEREFROM
Issued: April 18, 1995
[Also discussed at Pages 3 and 4 of the Specification.]
- (4) U.S. Patent No. 4,568,559 to Nuwayser et al.
COMPOSITE CORE COATED MICROPARTICLES AND PROCESS OF PREPARING SAME
Issued: February 4, 1986
[Also discussed at Page 3 of the Specification.]
- (5) European Patent Publication No. 0 052 510 A2
MICROENCAPSULATION OF WATER SOLUBLE POLYPEPTIDES
Applicant: Syntex (U.S.A.), Inc.
Published: 26 May 1982
[Also discussed at Page 2 of the Specification.]

In the International Preliminary Examination Report, the invention was found to possess novelty, inventive step and industrial applicability.

Applicant also submits copies of the following:

- (6) U.S. Patent No. 4,675,189 to Kent et al.
*MICROENCAPSULATION OF WATER SOLUBLE ACTIVE
POLYPEPTIDES*
Issued: June 23, 1987
[Corresponds to European Publication No. 0 052 510 A2 discussed
at (5) above.]
- (7) U.S. Patent No. 5,000,886 to Lawter et al.
*SILICONE-HARDENED PHARMACEUTICAL MICROCAPSULES
AND PROCESS OF MAKING THE SAME*
Issued: March 19, 1991
[Discussed at Page 2 of the Specification.]
- (8) U.S. Patent No. 5,019,400 to Gombotz et al.
*VERY LOW TEMPERATURE CASTING OF CONTROLLED
RELEASE MICROSPHERES*
Issued: May 28, 1991
[Discussed at Page 3 of the Specification.]
- (9) U.S. Patent No. 4,166,800 to Fong
PROCESSES FOR PREPARATION OF MICROSPHERES
Issued: September 4, 1979
[Discussed at Page 3 of the Specification.]

- (10) U.S. Patent No. 5,654,010 to Johnson et al.
*COMPOSITION FOR SUSTAINED RELEASE OF HUMAN
GROWTH HORMONE*
Issued: August 5, 1997
[Discussed at Page 5 of the Specification.]
- (11) U.S. Patent No. 5,589,167 to Cleland et al.
*EXCIPIENT STABILIZATION OF POLYPEPTIDES TREATED
WITH ORGANIC SOLVENTS*
Issued: December 31, 1996
[Discussed at Page 5 of the Specification.]
- (12) U.S. Patent No. 4,822,535 to Ekman et al.
*METHOD FOR PRODUCING SMALL, SPHERICAL POLYMER
PARTICLES*
Issued: April 18, 1989
[Discussed at Page 5 of the Specification.]
- (13) U.S. Patent No. 5,578,709 to Woiszwilllo
*MACROMOLECULAR MICROPARTICLES AND METHODS OF
PRODUCTION*
Issued: November 26, 1996
[Discussed at Page 5 of the Specification.]

The documents are being submitted within three (3) months of the filing or entry of the national stage of this Application or before the first Office Action on the merits, whichever is later, therefore no fee or certification is required under 37 C.F.R. §1.97(b).

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Information Disclosure Statement

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To assist the Examiner, the documents are listed on the attached form PTO-1449.

The examination and allowance of the Application are respectfully requested.

Respectfully submitted,

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